

a first card extension adapted to be received in a card edge connector, the first card extension including first contacts for receiving the mixed voice and data signals and second contacts for outputting the first signals;

a second card extension adapted to be received in a card edge connector, the first card extension including third contacts for outputting the second signals;

first tracings for transmitting the mixed voice and data signals from the first contacts to the splitters;

second tracings for transmitting the first signals from the splitters to the second contacts;

third tracings for transmitting the second signals from the splitters to the third contacts; and

all of the first and second contacts being located at the first extension and all of the third contacts being located at the second extension, wherein the first and second contacts are grouped together at a location separate from the third contacts.

Please add new claims 31-36 as follows:

31. (New) A telecommunications component comprising:

a circuit board;

a multi-pair line connector for inputting twisted pair, mixed data/voice signals to the circuit board;

a multi-pair voice connector for outputting twisted pair, voice signals from the circuit board;

a multi-pair data connector for outputting twisted pair, data signals or mixed data/voice signals from the circuit board;

one or more card edge connectors connected to the circuit board, the one or more card edge connectors including:

a first card edge connector having exclusively normally closed contacts;

a second card edge connector having exclusively normally open contacts;

first conductive pathways provided on the circuit board for connecting the line connector to the normally closed contacts;

second conductive pathways provided on the circuit board for connecting the normally closed contacts to the voice connector; and

third conductive pathways provided on the circuit board for connecting the normally open contacts to the data connector.

32. (New) The telecommunications component of claim 31, wherein the conductive pathways are positioned such that none of the third conductive pathways on the circuit board cross-over any of the first or second conductive pathways.

33. (New) A telecommunications chassis assembly comprising:

a chassis defining a reference back plane;

one or more printed circuit boards positioned adjacent the reference back plane;

a plurality of multi-pair line connectors for inputting twisted pair, mixed

data/voice signals to the one or more circuit boards;

a plurality of multi-pair voice connectors for outputting twisted pair, voice signals from the one or more circuit boards;

a plurality of multi-pair data connectors for outputting twisted pair, data signals or mixed data/voice signals from the one or more circuit boards;

a first row of first card edge connectors positioned within the chassis, the first card edge connectors having exclusively normally closed contacts;

a second row of second card edge connectors positioned within the chassis, the second card edge connectors having exclusively normally open contacts;

the line and voice connectors being electrically connected by the one or more circuit boards exclusively to the first row of card edge connectors; and

the data connectors being electrically connected by the one or more circuit boards exclusively to the second row of card edge connectors.

34. (New) The telecommunications chassis assembly of claim 33, wherein the first and second rows are horizontal rows.

35. (New) A telecommunications chassis assembly comprising:

a chassis defining a reference back plane;
one or more printed circuit boards positioned adjacent the reference back plane;
a plurality of multi-pair line connectors for inputting twisted pair, mixed
data/voice signals to the one or more circuit boards;
a plurality of multi-pair voice connectors for outputting twisted pair, voice signals
from the one or more circuit boards;
a plurality of multi-pair data connectors for outputting twisted pair, data signals or
mixed data/voice signals from the one or more circuit boards;
a first array of card edge connectors positioned within the chassis;
a second array of card edge connectors positioned within the chassis;
the line and voice connectors being electrically connected by the one or more
circuit boards exclusively to the first array of card edge connectors; and
the data connectors being electrically connected by the one or more circuit boards
exclusively to the second array of card edge connectors.

36. (New) The telecommunications chassis assembly of claim 35, wherein the first and
second arrays are separate rows.